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*North America's Leader in Hazardous Material Information Management*  
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## MSDS PRODUCT INFORMATION

Date: 10/07/2005  
To: MSDS Requester  
From: 3E Company  
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☐ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☒ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☐ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: Emhart Canada Ltd., Home Products Division  
Product Name: Thermogrip A/P Hot Melt Adhesive

# MATERIAL SAFETY DATA SHEET

NUMBER

(AUTHORIZED BY THE ADHESIVES AND SEALANTS MANUFACTURERS ASSOCIATION OF CANADA)

## SECTION 1 IDENTIFICATION OF PRODUCT

MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.
Emhart Canada Ltd, Home Products Division	(514) 255-3631
ADDRESS	
1500 de Boucherville St., Montreal, Quebec H1N 3S6	
TRADE NAME AND SYNONYMS	
Thermogrip all purpose hot melt adhesive GS-11, GS-12, GS-13	
CHEMICAL NAME AND SYNONYMS	
Ethylene vinyl acetate hot melt glue	
CHEMICAL FAMILY	MOLECULAR FORMULA
Ethylene vinyl acetate	

## SECTION II HAZARDOUS COMPONENTS OF MIXTURES

COMPONENT	%	THRESHOLD LIMIT VALUE (UNITS)	COMPONENT	%	THRESHOLD LIMIT VALUE (UNITS)
None					

## SECTION III PHYSICAL DATA

APPEARANCE AND ODOR	Off white colored cylindrical stick odorless				
BOILING POINT	167-196°F	SPECIFIC GRAVITY (WATER = 1)	.972 g/cc (25°C)		
NA Softening range	75- 92°C				
VAPOR PRESSURE (M.M. OF MERCURY)	NA	PERCENT VOLATILE (BY VOLUME)	NA		
VAPOR DENSITY (AIR = 1)	NA	EVAPORATION RATE (BUTYL ACETATE = 1)	NA		
SOLUBILITY IN WATER	Insoluble	EVAPORATION RATE (ETHYL ETHER = 1)	NA		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (SPECIFY METHOD)	NA	FLAMMABLE LIMITS (PERCENT BY VOLUME)	LOWER NA	UPPER NA
FIRE-EXTINGUISHING MEDIA	Water CO <sub>2</sub> , dry chemical or carbon tetrachloride.			
SPECIAL FIRE-FIGHTING PROCEDURES	Wear adequate respiratory protection. Avoid contact with molten adhesive. Cool product below solidification point.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	Thermal degradation produces flammable hydrocarbon vapors. Molten product causes personnel burns, adheres to skin, slight fire hazard when exposed to flame.			

THIS INFORMATION IS GIVEN WITHOUT A WARRANTY OR REPRESENTATION. WE DO NOT ASSUME ANY LEGAL RESPONSIBILITY FOR SAME, NOR DO WE GIVE PERMISSION, INDUCEMENT OR RECOMMENDATION TO PRACTICE ANY PATENTED INVENTION WITHOUT A LICENSE. IT IS OFFERED SOLELY FOR YOUR CONSIDERATION, INVESTIGATION AND VERIFICATION BEFORE USING ANY PRODUCT. READ ITS LABEL.

## SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

LOTS OF OVEREXPOSURE

Non-chemical burn from contact with molten adhesive. Product is non-toxic non-corrosive.

EMERGENCY AND FIRST AID PROCEDURES

For non-chemical burn, immerse immediately in cold water to solidify the hot melt. Do not try to remove from skin while molten.

## SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATIBILITY (Materials to avoid)

Strong oxidizing atmosphere above molten polymer.

HAZARDOUS DECOMPOSITION PRODUCTS

On thermal decomposition oxides of carbon are released.

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

## SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

If molten, allow to solidify and scrape up. If clean, can be reused.

WASTE DISPOSAL METHOD

Follow local municipal regulations

## SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

In emergencies - approved organic canister mask or air pack

VENTILATION	LOCAL EXHAUST		SPECIAL
	MECHANICAL (General)	X	OTHER

PROTECTIVE GLOVES

Recommended (heat resistant)

EYE PROTECTION

Safety glasses

OTHER PROTECTIVE EQUIPMENT

Hand sink or cold water source.

## SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in clean dry area at temperatures of 60 - 110°F (16-43°C)

ADDITIONAL PRECAUTIONS

## SECTION X DATE AND SOURCE OF INFORMATION

DATE: May 6, 1988  
 NAME: A. LIVING STN.  
 SOURCE: "Dangerous Properties of Ind. Materials, 6th edition"